



September 18, 2013

Stephanie Vaughn, Project Manager  
USEPA Region 2  
290 Broadway, 19<sup>th</sup> Floor  
New York, New York 10007

Subject: ***September 2013 Pre-dredge Baseline Water Quality Monitoring Electronic Data Submittal  
Lower Passaic River Study Area (LPRSA)  
River Mile (RM) 10.9 Removal Action (RA)  
CERCLA Docket No. 02-2012-2015***

Dear Ms. Vaughn:

Enclosed please find an electronic data submittal for validated pre-dredge water column monitoring results associated with the Lower Passaic River Study Area (LPRSA) River Mile (RM) 10.9 Removal Action (RA) activities. This submittal accompanies the September 2013 Monthly Progress Report of the LPRSA RM 10.9 RA and includes the balance of data for the pre-dredge water column monitoring sampling event. Data in this submittal include three sample delivery groups (SDGs) of validated surface water PCB congener (PCBs), dioxin/furan (PCDD/PCDF), dissolved organic carbon (DOC) and particulate organic carbon (POC) results as well as associated laboratory QC results.

The validated data zip archive file comprising this deliverable (LPR20130916.NJD980528996.zip) contains the following individual text files:

- LPR20130916.NJD980528996.Batch\_v3.txt
- LPR20130916.NJD980528996.DataProvider\_v3.txt
- LPR20130916.NJD980528996.Location\_v3.txt
- LPR20130916.NJD980528996.Sample\_v3.txt
- LPR20130916.NJD980528996.SampleParameter\_v3.txt
- LPR20130916.NJD980528996.Site\_v3.txt
- LPR20130916.NJD980528996.TestResultQC\_v3.txt

If you have any questions regarding this data submittal please contact me at 651-842-4232 or mkill@ddmsinc.com.

Sincerely,

**de maximis Data Management Solutions, Inc.**

A handwritten signature in black ink that reads "Mark D. Kill". The signature is fluid and cursive, with the first name "Mark" and last name "Kill" clearly legible.

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Mark D. Kill  
CPG Data Manager

Attachment: Zip file with validated results MEDD and a zip file with unvalidated laboratory EDDs

**Ms. S. Vaughn**  
**LPRSA RM 10.9 RA**  
**Baseline Water Quality Monitoring**  
**Data Submittal**  
**September 17, 2013**

cc: Bill Potter – *de maximis, inc.*  
Rob Law – *de maximis, inc.*

The following is a list of reference values to be added to the EPA database.

Table	Column	Value	Description
TestResultQC_v3.txt	Cas_rn	PAROC	Particulate Organic Carbon

The following errors generated by the EDP EDD checking software are not actually errors:

Table	Column	Error	Description
Location_v3.txt	alt_identifier	Missing required field	This field is not required in the schema. Documentation of the MEDD format says to leave blank
TestResultQC_v3.txt	validator_qualifiers	Missing required field	Records were validated (Validated_yn = "Y") but were not qualified by the validator, therefore validator_qualifier should be left as null.
TestResultQC_v3.txt	detect_flag	Result_value is required where detect_flag=Y.	This error message exists in cases of co-eluting PCB congeners. Each PCB congener result is being stored as a separate record in the CPG database. In cases of co-elutions, per EPA request, only the congener with the lowest IUPAC number receives a result value. Both records receive a qualifier of "C" plus the IUPAC number of the lowest number congener in the co-elution to indicate the linkage between the two result records.
TestResultQC_v3.txt	interpreted_qualifiers	Invalid Qualifier	Per EPA/CDMSmith request, for PCB congener results, co-elutions are identified in the interpreted_qualifier field with a 'C###' qualifier. The '###' represents the lowest IUPAC congener number in the co-elution.

Table	Column	Error	Description
TestResultQC_v3.txt	lab qualifiers, interpreted_qualifiers	Invalid Qualifier, Value Exceeds Field Length	1.) Field contains original laboratory qualifiers. Lab qualifiers were transferred to interpreted_qualifiers field for lab QC data which does not receive validation. 2.) CPG has been instructed to use the 'EMPC' as a qualifier for results flagged as Estimated Maximum Potential Concentration by the laboratories. Adding this as a qualifier often exceeds qualifier field length when paired with other laboratory and validation qualifiers.
TestResultQC_v3.txt	validator_qualifiers	Missing required field	Records were validated (Validated_yn = "Y") but were not qualified by the validator, therefore validator_qualifier should be left as null.